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(72)Inventor : IMAI YOJI
AKIMOTO TAKAHIRO

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(54) DENTAL TREATING MATERIAL

(57)Abstract:

PURPOSE: To obtain a dental treating material capable of sealing the interior of slender capillaries or apical foramens of root canals by successively applying two solutions capable of rapidly forming sparingly soluble precipitates by mixing to affected parts.

CONSTITUTION: A dental treating material is composed of a solution (A) which is an aqueous solution containing 1-70% one of Na, K and Li salts of inorganic or organic acids or a mixture composed of the two or more substances thereof and a solution (B) which is an aqueous solution containing 1-70% one of chloride, nitrate, sulfate and acetate of Ca, Zn, Sr, Mg, Al, Ba, Fe, Cu, Ag, Pb or Sn or a mixture composed of the two or more substances thereof or calcium chloride, zinc chloride or strontium chloride. A monomer substance, e.g. (meth) acrylic acid or 2-hydroxyethyl (meth)acrylate having one or more hydrophilic groups (e.g. hydroxyl group, carboxyl group or sulfonic acid group) and simultaneously polymerizable double bond, as necessary, is blended in either or both of the solutions (A) and (B).

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